CLAIMS

1. Method for protecting data communication traffic through a communication link between a first communication station (11) and a second communication station (12), in which the data is dispatched according to a data protocol from the second communication station to the first communication station, comprising the steps of:

(i) receiving the data from the second communication station (12) in a data communication protection device (10);

(ii) comparing the data protocol of the data with at least one standardised protocol in the data communication protection device (10), characterised by

(iii) providing the data communication protection device (10) in the communication link, the data from the second communication station (12) to the first communication station (11) passing through the data communication protection device (10); and

(iv) forwarding data of which the data protocol complies with the at least one standardised protocol from the data communication protection device (10) to the first communication station (11), and not forwarding data of which the data protocol does not comply with the at least one standardised protocol from the data communication protection device to the first communication station.

2. Method according to Claim 1, characterized in that, after it has emerged during the comparison of the data protocol that the latter does not comply with the at least one standardized protocol, a warning is generated.

3. Method according to ~~one of the preceding claims~~ *Claim 1*, characterized in that, after it has emerged during the comparison of the data protocol that the latter does not comply with the at least one standardized protocol, a data file containing data of the data communication traffic and the second communication station (12) is stored.

4. Data communication protection device (10) arranged for protecting data communication traffic between a first communication station (11) and a second communication station (12), data being dispatched according to a data protocol from the second communication station to the first communication station, the data communication protection device comprising memory means (14) for storing data characteristics of at least one standardised protocol, th data communication protection device (10) further being

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arranged for comparing the data protocol of the data with the at least one standardised protocol, characterised in that the data communication protection device (10) further comprises

    - a first link for linking the data communication protection device (10) to the first
5 communication station (11), and a second link for linking the data communication protection device (10) to the second communication station (12), the data passing from the second communication station to the first communication station through the data communication protection device;

    - comparison/forwarding means (15) for forwarding data received through the
10 second link of which the data protocol complies with the at least one standardised protocol from the data communication protection device (10) through the first link, and not forwarding data of which the data protocol does not comply with the at least one standardised protocol from the data communication protection device (10) through the first link.

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    5. Data communication device according to Claim 4, characterized in that the device furthermore comprises warning means (16) linked to the comparison/forwarding means (15) which give a warning after it has emerged during the comparison of the data protocol that it does not belong to the at least one standardized protocol.

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    6. Device according to Claim 4 ~~or 5~~, characterized in that the device furthermore comprises display means (17) linked to the comparison/forwarding means (15), the display means (17) displaying data relating to the data communication traffic and the second communication station (12), which data are stored after it has emerged during the
25 comparison of the data protocol that the latter does not comply with the at least one standardized protocol.

    7. Device according to Claim 6, characterized in that the device furthermore comprises input means (18) linked to the comparison/forwarding means (15) for inputting
30 commands relating to the display of the data.

    8. Device according to Claim 4 ~~or 5~~, characterized in that the device comprises interface means for exchanging data relating to the data communication traffic and the

second communication station (12) with an external processing device, which data are stored after it has emerged during the comparison of the data protocol that the latter does not comply with the at least one standardized protocol.

5   9. Device according to ~~one of Claims 4 to 8,~~ *Claim 4* characterized in that the device (10) is integrated in the first communication station (11).

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